

REMARKS/ARGUMENTS

Favorable reconsideration of this application, in view of the present amendment and in light of the following discussion, is respectfully requested.

Claims 1-10 are pending. In the present amendment, Claims 1-6 are currently amended and Claims 7-10 are added. Support for the present amendment can be found in the original specification, for example, at page 13, line 25 to page 15, line 14, in Figures 1 and 2, and in original Claims 1-6. Thus, it is respectfully submitted that no new matter is added.

In the outstanding Office Action, Claims 1-6 were rejected under 35 U.S.C. § 102(b) as anticipated by Totani et al. (U.S. Publication No. 2002/0152001, hereinafter “Totani”).

In response to the outstanding rejection of Claims 1-6 under 35 U.S.C. § 102(b), Applicant respectfully requests reconsideration of this rejection and traverses this rejection, as discussed below.

Amended Claim 1 recites:

A vehicle on-board adapter, comprising:

*a display output terminal configured to be connected to a genuine vehicle on-board display unit and to transmit a signal to the genuine vehicle on-board display unit;*

a first image input terminal configured to be connected to non-genuine image output equipment and to receive a signal from the non-genuine image output equipment;

a second image input terminal configured to be connected to genuine vehicle on-board image output equipment and to receive a signal from the genuine vehicle on-board image output equipment; and

a circuit portion configured to deliver at least one of the signal received by the first image input terminal and the signal received by the second image input terminal to the display output terminal.

As explained in the original specification, for example, at page 6, lines 13-23, the vehicle on-board adapter can be incorporated into the genuine vehicle on-board image system by connecting the same between the image input terminal of the genuine vehicle on-board display unit and the image output terminal of the genuine vehicle on-board image output

equipment. Thus, because image signals delivered from the non-genuine image output equipment can be fed to the genuine vehicle on-board image system, equipment such as the latest portable image media equipment which has been brought into a vehicle can be displayed on the genuine vehicle on-board display unit with no effect upon the genuine vehicle on-board image system.<sup>1</sup> Therefore, the claimed invention leads to an improved vehicle on-board adapter. It is respectfully submitted that the cited reference does not disclose or suggest every feature recited in amended Claim 1.

Totani describes applying an adapter A to an electromultivision system such that a non-genuine deck 10 can be connected to the system.<sup>2</sup> Totani further describes that a navigation computer 1, an air-conditioner computer 2, and a controller 3 are connected to a multidisplay and deck 4 to form a room LAN.<sup>3</sup> The adapter A described in Totani has a switching means 16 such that an output from the multidisplay and deck 4 or the non-genuine deck 10 can be fed via an audio harness 8 to a power amplifier 5 and then delivered to speakers 6.<sup>4</sup>

However, it is respectfully submitted that Totani does not disclose or suggest “a display output terminal configured to be connected to a genuine vehicle on-board display unit and to transmit a signal to the genuine vehicle on-board display unit,” as recited in amended Claim 1.

Instead, as discussed above, the switching means 16 of the adapter A described in Totani receives an input from a non-genuine deck 10 or a multidisplay and deck 4. Additionally, an output of the switching means 16 described in Totani is connected to the power amplifier 5. Therefore, Totani does not disclose or suggest that an output terminal of the adapter A is connected to the multidisplay and deck 4 or that the output is configured to

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<sup>1</sup> See the original specification, at page 5, line 21 to page 6, line 2.

<sup>2</sup> See Totani, at paragraph [0020].

<sup>3</sup> See Totani, at paragraph [0018].

<sup>4</sup> See Totani, at paragraph [0021] and Figure 2.

transmit a signal to the multidisplay and deck 4. Thus, in the system described in Totani an output from the non-genuine deck 10 would not be displayed via a genuine vehicle display such as the multidisplay and deck 4.

The outstanding Office Action, in section 2 on page 2 equates paragraphs [0004] and [0020] and Figure 2 of Totani to the claimed “display output terminal.” However, amended Claim 1 has been clarified to recite that the display output terminal is configured to “transmit a signal to the genuine vehicle on-board display unit.” As discussed above, the adapter A described in Totani is not configured to transmit a signal to the multidisplay and deck 4. Thus, a signal received by the adapter A from the non-genuine deck 10 would not be transmitted to the multidisplay and deck 4.

Therefore, it is respectfully submitted that Totani does not disclose or suggest every feature recited in amended Claim 1. Thus, it is respectfully requested that the outstanding rejection of Claim 1, and all claims dependent thereon, as unpatentable over Totani be withdrawn.

Claim 6 recites, *inter alia*, a vehicle on board system, including a vehicle on-board adapter including “a display output terminal configured to transmit a signal” and “a genuine vehicle on-board display unit connected to the display output terminal of the vehicle on-board adapter and configured to receive the signal transmitted by the display output terminal.”

In view of the above discussion, it is respectfully submitted that Totani does not disclose or suggest every feature recited in amended Claim 6. Thus, it is respectfully requested that the outstanding rejection of Claim 6, and all claims dependent thereon, as anticipated by Totani be withdrawn.

New Claims 7-10 are added by the present amendment. Support for new Claims 7-10 can be found in original Claims 1-6 and in the original specification, for example, at page 15, line 15 to page 20, line 17. Thus, it is respectfully submitted that no new matter is added.

Application No. 10/812,930  
Reply to Office Action of October 10, 2007

It is noted that new Claims 7-10 depend on Claim 6. Therefore, it is respectfully submitted that new Claims 7-10 patentably define over the cited reference for at least the reasons discussed above with respect to Claim 6.

Consequently, in view of the present amendment, no further issues are believed to be outstanding in the present application, and the present application is believed to be in condition for formal allowance. A Notice of Allowance is earnestly solicited.

Respectfully submitted,

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